## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	8	("4995639"   "5445412"   "6204756"   "6929282"). PN. OR ("7304566"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 07:27
<u>L</u> 5	11	("20050077711"   "20050104721"   "20050242596"   "20050274168"   "20070043507"   "20080122599"   "5907213"   "6169479"   "6681631"   "7127948"   "7304566").PN. OR ("7575086").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 07:49
L6	33	("3137834"   "3453873"   "4966388"   "4995639"   "5112079"   "5164901"   "5172790"   "5182459"   "5202831"   "5224732"   "5229943"   "5231253"   "5277441"   "5305640"). PN. OR ("5445412"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 07:55
L8	22	("20010010497"   "20040059487"   "20060064180"   "20060123918"   "4346914"   "4467271"   "5375468"   "5416360"   "5434783"   "5445412"   "5447051"   "5457982"   "5458222"   "5473930"   "5656882"   "5753793"   "5812684"   "6138996"   "6191519"   "6204756"   "6698269"   "6929282"). PN. OR ("7539569"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 07:58
L9	2	("5364158").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/29 08:06

L10	4102	((vertical or (z adj axis) or down) near4 (accelerat\$4 or accelerometer or force or load)) and ((impact or collision or collid\$3 or crash\$3) near4 (sens\$3 or detect\$4 or measur\$3 or calculat\$4 or safety))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/29 08:09
L11	403	L10 and (bumper or fender or (front near (protector or cushion)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/29 08:20
L12	326	L11 and (speed or velocity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/29 08:21
L13	2	("6325431").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/29 08:35
L15	12	(US-20040186643-\$ or US-20040011582-\$ or US-20040210367-\$ or US-20060265130-\$).did. or (US-7024293-\$ or US-6182782-\$ or US-7158016-\$ or US-5192838-\$ or US-4995639-\$ or US-6516278-\$ or US-6330500-\$).did.	US-PGPUB; USPAT	OR	ON	2009/09/29 10:01
L16	4	L15 and (environment\$3 or piezo or capacit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/29 10:01
L17	1926	701/45.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/29 10:34
L18	642	L17 and (bump\$3 or fender or cushion or protector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/29 10:34
L19	394	L18 and acceleration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/29 10:34
L20	94	L19 and ((environment\$3 or piezo or dielectric) near4 (sens\$3 or detect\$4 or measur\$3 or measurement))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/29 10:34

L21	4	L19 and (((environment\$3 or piezo or dielectric) near4 (sens\$3 or detect\$4 or measur\$3 or measurement)) with (bump\$3 or cushion or protector or fender))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/29 10:35
L22	31	L17 and (((environment\$3 or piezo or dielectric or radar or lidar) near4 (sens \$3 or detect\$4 or measur \$3 or measurement)) with (bump\$3 or cushion or protector or fender))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/29 10:36
L23	15	L17 and ((environment\$3 or piezo or dielectric or radar or lidar) near4 (bump\$3 or cushion or protector or fender))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/29 10:43
L24	13	("3853199"   "5040633"   "5555512"   "5794975"). PN. OR ("6212456"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/29 10:48
L25	2	("20020175499").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/29 11:13
L26	2	("20020180596").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/29 11:16
S1	2	("6510914").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 15:31
<b>S</b> 2	1	"29708926"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 15:35
<b>S</b> 3	14	"2376075"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 15:36
S4	13	"1350683"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 15:37
<b>S</b> 5	4	"03082639"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 15:38

S6	16	(("2003114985") or ("2002043417") or ("2002033755") or ("6561301") or ("2001043011")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 15:39
<b>S</b> 7	2	("20070179693").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 17:55
S8	1925	701/45.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 17:55
S9	641	S8 and (bump\$3 or fender or cushion or protector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 17:56
S10	393	S9 and acceleration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 17:56
S11	324	S10 and (speed or velocity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 17:57
S12	62	S11 and ((bump\$3 or fender or cushion or protector) with (accelerat \$4 or accelerometer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 17:58
S13	143	180/232.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 17:59
S14	46	S13 and (bump\$3 or fender or cushion or protector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 17:59
S15	2312	180/271.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 17:59
S16	22	S15 and ((bump\$3 or fender or cushion or protector) with (accelerat \$4 or accelerometer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 17:59

S17	12	("20010028163"   "20020033755"   "20040020701"   "5390951"   "5435409"   "6047985"   "6236308"   "6516278"   "6600412"   "6693549").PN. OR ("7131512").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 18:12
S18	9	("20020033755"   "5173614"   "5737224"   "6113138"   "6125313"   "6216070"   "6353782"). PN. OR ("7024293"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 18:12
S19	11	("4249632"   "4528563"   "5317512"   "5767766"   "6182782"   "6329910"). PN. OR ("6600412"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 18:26
S20	23	("5419407"   "5547216"). PN. OR ("6561301"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 18:33
S21	4	("2002043417").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 18:34
S22	0	("20020434170").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 18:35
<b>S</b> 23	2	("20020043417").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 18:35
S24	8	(("20030114985") or ("20020043417") or ("20020033755") or ("20010043011")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 18:36
S25	0	("2003/0114985").URPN.	USPAT	OR	ON	2009/09/28 18:37
S26	3	("2002/0043417").URPN.	USPAT	OR	ON	2009/09/28 18:38
S27	10	("2002/0033755").URPN.	USPAT	OR	ON	2009/09/28 18:38
S28	5	("2001/0043011").URPN.	USPAT	OR	ON	2009/09/28 18:39

S29	15	("20010043011"   "20040011582"   "20040108157"   "20040129479"   "20040186643"   "20050209754"   "2762995"   "4304629"   "6271747"   "6442485"   "6561301"   "6929282"   "7036621").PN. OR ("7308380").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 18:41
S30	7	("2004/0186643").URPN.	USPAT	OR	ON	2009/09/28 18:42
S31	3	("2004/0011582").URPN.	USPAT	OR	ON	2009/09/28 18:49
S32	1073	180/274.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 19:07
S33	32	S15 and ((bump\$3 or fender or cushion or protector) with (accelerat \$4 or accelerometer or velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 19:07
S34	77	S32 and ((bump\$3 or fender or cushion or protector) with (accelerat \$4 or accelerometer or velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 19:08
S35	51	("3709316"   "3829140"   "4093290"   "4249632"   "4946002").PN. OR ("6182782").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 19:12
S36	18502	(vehicle or (mobile near unit)) and ((bump\$3 or fender or cushion or protector or front or radiator) with (accelerat\$4 or accelerometer or velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 19:56
S37	10407	S36 and (impact\$3 or collision or collid\$3 or accident or hit or contact or crash\$3 or bump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 19:57
S38	1552	S37 and ((vertical\$3 or down or (Z adj axis)) near4 (accelerat\$4 or accelerometer or velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 19:58

S39	956	S38 and (safety or protect \$4 or security)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 19:58
S40	864	\$38 and ((bump\$3 or fender or cushion or protector or front or radiator) near5 (accelerat \$4 or accelerometer or velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 19:59
S41	776	S40 and (speed or velocity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 19:59
S42	5247	(vehicle or robot\$3 or automobile or car) with ((bump\$3 or fender or cushion or protector or front or radiator) near5 (accelerat\$4 or accelerometer or velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 20:00
S43	432	S41 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 20:00
S44	211	S43 and ((impact\$3 or collision or collid\$3 or accident or hit or contact or crash\$3 or bump) near4 (detect\$4 or sens\$3 or determin\$3 or determination or estimat \$4 or measur\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/28 20:02
S45	2	("20030114973").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/28 20:08
S46	0	("2006/0265130").URPN.	USPAT	OR	ON	2009/09/28 20:12
S47	2	("20020156561"   "20030114973").PN. OR ("7529620").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 20:27
S48	7	("20030112133"   "5914675"   "5969598"   "6142524"   "6340928"   "6732020").PN. OR ("7158016").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 20:28

<b>S</b> 49	29	3.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 20:38
S50	84	3.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 20:41

## **EAST Search History (Interference)**

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9/29/2009 11:38:46 AM

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